

LAHIVE
&
COCKFIELD
L L P

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
lc@lahcoc.com

JOHN A. LAHIVE, JR. (1928-1997)
THOMAS V. SMURZYNSKI
RALPH A. LOREN
GIULIO A. DeCONTI, JR.
ANN LAMPORT HAMMITTE
ELIZABETH A. HANLEY
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURENTANO
KEVIN J. CANNING
JANE E. REMILLARD
DeANN FORAN SMITH
PETER C. LAURO
JEANNE M. DiGIORGIO
DEBRA J. MILASINCIC, Ph.D.
NICHOLAS P. TRIANO, III
DAVID J. RIKKERS
DAVID R. BURNS
JOHN S. CURRAN

SEAN D. DETWEILER
CYNTHIA L. KANIK, Ph.D.
MEGAN E. WILLIAMS, Ph.D.
RICHA NAND
MICHAEL PHILLIPPS *
USA M. DIROCCO

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
WILLIAM A. SCOFIELD, JR.

PATENT AGENTS
PETER S. STECHER
THEODORE R. WEST

Box 156a
TECHNICAL SPECIALISTS
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.**
CYNTHIA M. SOROOS
PETER W. DINI, Ph.D.
EUIHOON LEE
JENNIFER K. ROSENFELD
JUDITH STONE-HULSLANDER, Ph.D.
ALLAN TAMESHTIT, Ph.D.
CATHERINE E. McPHERSON
ERIC F. WAGNER, Ph.D.
SHAHID HASAN, Ph.D.
ASHITA DOSHI, Ph.D.
JACOB G. WEINTRAUB

* Admitted in NY only
** Passed the Patent Bar Examination

June 22, 2001

RECEIVED

JUN 28 2001

Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

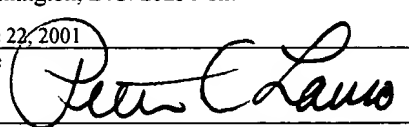
Re: U.S. Serial Number 09/286,166, Filed April 5, 1999
Inventors: Dana M. Fowlkes, *et al.*
Entitled: Yeast Cells Engineered to Produce Pheromone
System Protein Surrogates, and Uses Therefor
Our Ref. No.: CPI-012CP4BCN

Dear Sir:

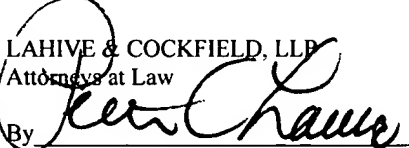
I enclose herewith for filing in the above-identified application the following:

1. Amendment and Response (including Appendixes A and B) (8 pages);
2. Transmittal Letter for Diskette Containing substitute Sequence Listing;
3. Diskette containing Computer Readable Form of substitute Sequence Listing;
4. Hard (paper) copy of Substitute Sequence Listing (*pages 1-34*); and
5. A return postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. *A duplicate of this sheet is enclosed.*

Certificate of First Class Mailing (37 C.F.R. §1.8(a))	
I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:	
June 22, 2001 Date	
Peter C. Lauro, Esq., Reg. No. 32, 360	

LAHIVE & COCKFIELD, LLP
Attorneys at Law

By 
Peter C. Lauro, Esq.
Reg. No. 32,360
28 State Street
Boston, MA 02109
(617) 227-7400
Telecopier (617) 742-4214



#1310
MB
076261

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Fowlkes, *et al.*

Serial No.: 09/286,166

Filed: April 5, 1999

For: *YEAST CELLS ENGINEERED TO PRODUCE
PHEROMONE SYSTEM PROTEIN SURROGATES,
AND USES THEREFOR*

Attorney Docket No.: CPI-012CP4BCN

Group Art Unit: 1646

Examiner: Michael T. Brannock, Ph.D.

RECEIVED

JUN 28 2001

TECH CENTER 1600/2900

Commissioner for Patents
Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents Washington, D.C. 20231 on the date set forth below.

June 22, 2001

Date of Signature and of Mail Deposit

By:

Peter C. Lauro, Esq.
Reg. No. 32,360
Attorney for Applicants

AMENDMENT AND RESPONSE

Dear Sir:

This document is submitted in response to the Office Action dated May 22, 2001 (Paper No. 12) in regard to the above-identified patent application. Please amend the above-identified application as follows.